

Title (en)
LASER WELDING COMPONENT AND METHOD FOR MANUFACTURING SAME

Title (de)
LASERSCHWEISSKOMPONENTE UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)
ÉLÉMENT DE SOUDAGE AU LASER ET SON PROCÉDÉ DE FABRICATION

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Application
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Abstract (en)
[origin: EP2684637A1] Provided is a laser welding component which comprises a first metal plate (11) formed of a steel material, and a second metal plate (12) formed of aluminum having a lower melting point than the first metal plate (11) and welded by laser on the first metal plate (11), a molten trace (26) being disposed at a surface of an upper surface of the second metal plate (12). According to the present invention, welding from a metal having a lower melting point is made possible and a temperature increase at a lower surface of a metal having a higher melting point may be prevented at the same time when heterogeneous metal plates having different melting points are welded with each other.

IPC 8 full level
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WO 0243913 A1 20020606 - FRONIUS SCHWEISSMASCH PROD [AT], et al

Cited by
DE102018200049A1; CN107639343A; CN113618237A; US10439191B2; US11597038B2

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